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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

On 1 Dec. 2006

TOWNSEND and TOWNSEND and CREW LLP

By: Malinda C. Wright

PATENT

Attorney Docket No.: 023070-139300US

Client Ref. No.: 2003-534

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Joe W. Gray et al.

Application No.: 10/616,403

Filed: July 8, 2003

For: BREAST CANCER GENES

Customer No.: 20350

Confirmation No. 9224

Examiner: Alana Harris

Group Art Unit: 1643

AMENDMENT AND RESPONSE TO  
RESTRICTION REQUIREMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed June 1, 2006, please enter the following amendments and remarks. Enclosed herewith is a petition with fee authorization for a five-month extension of time.

**Amendments to the Claims** are reflected in the listing of claims that begins on page 2 of this paper.

**Remarks** begin on page 5 of this paper.